

**"Techno-Social Excellence"**  
**Marathwada Mitramandal's**  
**Institute of Technology**  
Lohgaon, Pune

**Department : Mechatronics Engineering**

Course Code :217552

Title of Course : PBL

AY : 2022-23

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3		SMX05 KESTE VIVEK VARDHAMAN	
4		SMX10 DESHMUKH PRANAV ANIL	
5		SMX11 DURANDE PADMAKAR THAKBAPU	
6	Smart Door Lock System using RFID	<b>SMX21 SALVE SAMEER</b>	<u>3</u>
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35	IOT Based Smart Blind Stick	<b>SMX08 RAUT SAKSHI SANJEEV</b>	<u>8</u>
36		SMX16 OVHAL YASH AJAY	
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## Certificate

This is to certify that Mr. Saurabh R. Bante, Mr. Om Jadhav , Mr. Vivek Keste , Mr. Pranav Deshmukh , Mr. Padmakar Durande has successfully completed the project based learning activity report entitled “**Developing of Solar Panel Cleaning System**” under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal’s Institute of Technology, Lohegaon, Pune.

Date: 30/5/23

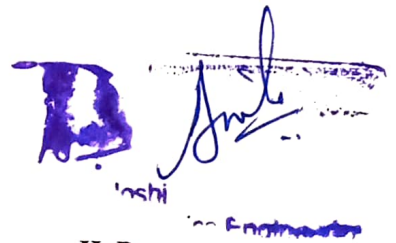
Place: Pune



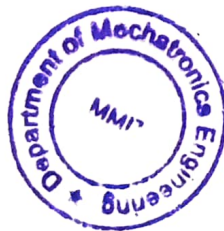
Guide



PBL Coordinator



HoD



**CERTIFICATE**

**DECLARATION**

This is to certify that **Mr. Sameer Salve , Mr. Nishad Jog, Mr. Niranjan Lavand, Miss. Shreya Gaikwak, Miss. Samiksha Kale, Miss. Muskan Sayyad**, has successfully completed the project based learning activity report entitled **“Smart door lock system using RFID”** under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal Institute of Technology, Lohgaon, Pune.

Date:

Place: **Pune**



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**PBL Coordinator**



**HoD**



## CERTIFICATE

This is to certify that Mr. Rehan Mulla, Mr Deepak more. , Mr .Mohit Shahare, Mr.Saiteja B Polichetty, Mr.Harshal Dhotre and Mr.Ashish Date ,has successfully completed the project based learning activity report entitled "PROXIMITY SENSOR" under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date:

Place: **Pune**

  
**Guide**

  
**PBL Coordinator**

  
Mr. Anjali Joshi  
HoD, Mechatronics Engineering  
**HoD**





## CERTIFICATE

This is to certify that Miss Sakshi Wafekar, Mr. Anil Auchar, Mr. Harish Mali, Mr. Abhishek Sasane, Mr. Jeevak Suradkar, and Miss Divya Khatode, have successfully completed the project based learning activity report titled "IOT Based Air Pollution Monitoring System" under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandala's Institute of Technology, Lohgaon, Pune.

Date:

Place: **Pune**

**Guide**  
Prof. S.S. Patil

**PBL Coordinator**  
Prof. Naresh Dhamane

**HOD**  
Dr. Anjali Joshi



## CERTIFICATE

This is to certify that **Mr. Utkarsh Patil , Mr. Aditya Mali, Miss. Sakshi Vyavhare, Mr.Omkar Tawale, Miss.Tejeswani Dhalange, Mr.Mithilesh Balgude**, has successfully completed the project based learning activity report entitled **“Automatic Plant Watering System using Arduino UNO and Soil Sensor”** under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal Institute of Technology, Lohgaon, Pune.

Date: 07/06/2023

Place: Pune



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PBL Coordinator



HoD

DECLARATION

**CERTIFICATE**

This is to certify that Mr. Mitesh Kate , Mr. Atharv Mokate , Mr. Sujitkumar Suryawanshi, Mr. Kaustubh Dharmadhikari, Mr. Ketan Awhale, has successfully completed the project based learning activity report entitled “**Development of Tree Pruning Tool using Arduino**” under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Date:


Place: **Pune**



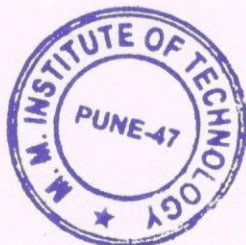
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**PBL Coordinator**

  
**Dr. Anjali Joshi**  
**HoD, Mechatronics Engineering**

**HoD**





# CERTIFICATE

## DECLARATION

This is to certify that **Ms. Sakshi Raut, Mr. Vikrant Pachore, Mr. Yash Ovhal**, has successfully completed the project based learning activity report entitled **“IOT Based Smart Blind Stick Project”** under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Name

Name of Student

Signature

Date

1 Sakshi Raut

2 Vikrant Pachore

3 Yash Ovhal

Date:

Place: **Pune**

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**PBL Coordinator**

**HoD**

